



I hereby appoint the following attorneys to prosecute this application and, or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

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PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor  
Insert Name of Inventor  
Insert Date This Document is Signed  
see above

Insert Residence  
Insert Citizenship  
see above

Insert Post Office Address  
see above

Full Name of Second Inventor, if any  
see above

GIVEN NAME Jaakko	FAMILY NAME Hyvärinen	INVENTOR'S SIGNATURE <i>Jacobo Hyvärinen</i>	DATE May 14, 2001
Residence (City, State & Country) Espoo, Finland		CITIZENSHIP Finnish	
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GIVEN NAME Folke	FAMILY NAME Stenman	INVENTOR'S SIGNATURE <i>Folke Stenman</i>	DATE June 11, 2001
Residence (City, State & Country) Helsinki, Finland		CITIZENSHIP Finnish	
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Full Name of Third Inventor, if any  
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Full Name of Fourth Inventor, if any  
see above

GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
Residence (City, State & Country)		CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	DATE
Residence (City, State & Country)		CITIZENSHIP	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			



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Atty. Docket No.:  
Page 1 of 1

## RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

HYVARINEN, Jaakko; STENMAN, Folke

Additional name(s) of conveying party(ies) attached?

 YES  NO

## 3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other:	

Execution Date: May 14 and June 11, 2001

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No(s).

- 09/831,772 09/842,767

## B. Patent No.(s).

Additional numbers attached?  YES  NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

## 6. Total No. of applications/patents involved: one (1)

## 7. Total fee (37 C.F.R. § 3.41): \$40.00

 Enclosed Authorized to be charged to deposit account,  
if no fee attached.

## 8. Deposit account number: 02-2448

(Attach triplicate copy of this page  
if paying by deposit account)

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Leonard R. Svensson, #30,330  
Name of Person Signing/Reg. No.

Signature

June 28, 2001  
Date

Total number of pages including cover sheet, attachments, and document: three (3)

LRS:clh

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**UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**

ATTORNEY DOCKET NO.

## ASSIGNMENT

Application No. 09/831,272

Filed April 27, 2001

Insert Name(s) ➔ WHEREAS, Jaakko Hyvärinen and  
of Inventor(s) Esa-Liisa Stenman

Folke Stennan

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

**Insert Title  
of Invention** → Method and device for modifying the irradiance distribution  
of a radiation source

for which an application for Letters Patent of the United States of America has been executed by the undersigned  
(except in the case of a provisional application).

**Insert Date  
of Signing of  
Application** on May 14, 2001; and June 11, 2001

**Insert Name** → WHEREAS, **Fortum Oyj**

---

**Insert Address  
of Assignee** → of Kekkaniemi, FIN-02150 Espoo, Finland

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

X in any and all foreign countries.

**CHECK BOX**

assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent which may be granted thereto in the United States of America, its territories, dependencies and possessions and to the box, above described, in any and all foreign countries.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>May 14, 2001</u> ,	Name of Inventor <u>Jaakko Hyvarinen</u> (signature)	<u>Jacinta Fly</u>	<u>Jaakko Hyvarinen</u>
Date <u>14.5.2001</u> ,	Name of Inventor _____	<u>Folke Granma</u>	<u>Folke Granma</u>
Date _____,	Name of Inventor _____ (signature)		
Date _____,	Name of Inventor _____ (signature)		
Date _____,	Name of Inventor _____ (signature)		